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Terms	Documents
bower.in. and perkins.in.	2

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database

**EPO Abstracts Database**

Derwent World Patents Index

Database: IBM Technical Disclosure Bulletins

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L5

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**Search History**

DATE: Thursday, August 08, 2002 [Printable Copy](#) [Create Case](#)

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**Hit Count**   **Set Name**  
result set

*DB=EPAB; PLUR=YES; OP=OR*

L5   bower.in. and perkins.in.

2   L5

L4   94108998.9

0   L4

*DB=USPT,PGPB,JPAB,EPAB; PLUR=YES; OP=OR*

L3   dapa\$2 and L2

10   L3

L2   bioti\$2 and L1

74   L2

L1   aminotransferas\$3 and subtili\$2

175   L1

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 10 returned.****1. Document ID: US 20020098556 A1**

L3: Entry 1 of 10

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098556  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020098556 A1

TITLE: OVERCOMING DAPA AMINOTRANSFERASE BOTTLENECKS IN BIOTIN VITAMERS BIOSYNTHESIS

PUBLICATION-DATE: July 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
VAN ARSDELL, SCOTT W.	LEXINGTON	MA	US	
YOCUM, R. ROGERS	LEXINGTON	MA	US	
PERKINS, JOHN B.	READING	MA	US	
PERO, JANICE G.	LEXINGTON	MA	US	

US-CL-CURRENT: 435/119; 435/120, 435/252.31, 548/303.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMOC	Draw Desc
Image												

**2. Document ID: US 20020042098 A1**

L3: Entry 2 of 10

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042098  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020042098 A1

TITLE: 32253 transferase family members and uses therefor

PUBLICATION-DATE: April 11, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meyers, Rachel	Newton	MA	US	

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMOC	Draw Desc
Image												

## └ 3. Document ID: US 20020012939 A1

L3: Entry 3 of 10

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020012939  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020012939 A1

TITLE: Methods for identifying drug targets based on genomic sequence data

PUBLICATION-DATE: January 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Palsson, Bernhard	La Jolla	CA	US	

US-CL-CURRENT: 435/6; 435/34, 702/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Desc
Image												

## └ 4. Document ID: US 6365388 B1

L3: Entry 4 of 10

File: USPT

US-PAT-NO: 6365388  
DOCUMENT-IDENTIFIER: US 6365388 B1

TITLE: Biotin biosynthetic genes

DATE-ISSUED: April 2, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Furuichi; Yasuhiro	Kamakura			JP
Hoshino; Tatsuo	Kamakura			JP
Kimura; Hitoshi	Odawara			JP
Kiyasu; Tatsuya	Fujisawa			JP
Nagahashi; Yoshie	Fujisawa			JP

US-CL-CURRENT: 435/193; 435/183, 435/252.3, 435/252.33, 435/320.1, 435/41, 536/23.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMMC	Draw Desc
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## └ 5. Document ID: US 6355450 B1

L3: Entry 5 of 10

File: USPT

US-PAT-NO: 6355450  
DOCUMENT-IDENTIFIER: US 6355450 B1

TITLE: Computer readable genomic sequence of Haemophilus influenzae Rd, fragments

thereof, and uses thereof

DATE-ISSUED: March 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fleischmann; Robert D.	Gaithersburg	MD		
Adams; Mark D.	N. Potomac	MD		
White; Owen	Gaithersburg	MD		
Smith; Hamilton O.	Towson	MD		
Venter; J. Craig	Potomac	MD		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/851, 536/23.1, 536/23.7, 536/24.32, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
Image											

└ 6. Document ID: US 6303377 B1

L3: Entry 6 of 10

File: USPT

US-PAT-NO: 6303377

DOCUMENT-IDENTIFIER: US 6303377 B1

TITLE: Biotin biosynthesis in bacillus subtilis

DATE-ISSUED: October 16, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bower; Stanley Grant	Arlington	MA		
Perkins; John B.	Reading	MA		
Yocum; R. Rogers	Lexington	MA		
Pero; Janice G.	Lexington	MA		

US-CL-CURRENT: 435/441; 435/252.31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc
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└ 7. Document ID: US 6117669 A

L3: Entry 7 of 10

File: USPT

US-PAT-NO: 6117669

DOCUMENT-IDENTIFIER: US 6117669 A

TITLE: Biotin biosynthetic genes

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Furuichi; Yasuhiro	Kamakura			JP
Hoshino; Tatsuo	Kamakura			JP
Kimura; Hitoshi	Odawara			JP
Kiyasu; Tatsuya	Fujisawa			JP
Nagahashi; Yoshie	Fujisawa			JP

US-CL-CURRENT: 435/252.3; 435/320.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

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## └ 8. Document ID: US 6083712 A

L3: Entry 8 of 10

File: USPT

US-PAT-NO: 6083712

DOCUMENT-IDENTIFIER: US 6083712 A

TITLE: Biotechnological method of producing biotin

DATE-ISSUED: July 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Birch; Olwen	Naters			CH
Brass; Johann	Ausserberg			CH
Fuhrmann; Martin	Visp			CH
Shaw; Nicholas	Visp			CH

US-CL-CURRENT: 435/69.1; 435/252.3, 435/252.33, 435/320.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

MMIC	Draw Desc
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## └ 9. Document ID: US 6057136 A

L3: Entry 9 of 10

File: USPT

US-PAT-NO: 6057136

DOCUMENT-IDENTIFIER: US 6057136 A

TITLE: Biotin biosynthesis in Bacillus subtilis

DATE-ISSUED: May 2, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bower; Stanley Grant	Arlington	MA		
Perkins; John B.	Reading	MA		
Yocum; R. Rogers	Lexington	MA		
Pero; Janice G.	Lexington	MA		

US-CL-CURRENT: 435/119; 435/252.3, 435/252.31, 435/252.33, 435/325, 435/6, 536/23.2,  
536/23.7, 536/24.1, 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Image									

KWIC	Draw Desc
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10. Document ID: US 6004773 A

L3: Entry 10 of 10

File: USPT

US-PAT-NO: 6004773

DOCUMENT-IDENTIFIER: US 6004773 A

TITLE: Method for producing L-lysine

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Araki; Masayuki	Kawasaki			JP
Sugimoto; Masakazu	Kawasaki			JP
Yoshihara; Yasuhiko	Kawasaki			JP
Nakamatsu; Tsuyoshi	Kawasaki			JP

US-CL-CURRENT: 435/41; 435/106, 435/252.3, 435/252.32, 435/320.1, 435/69.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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